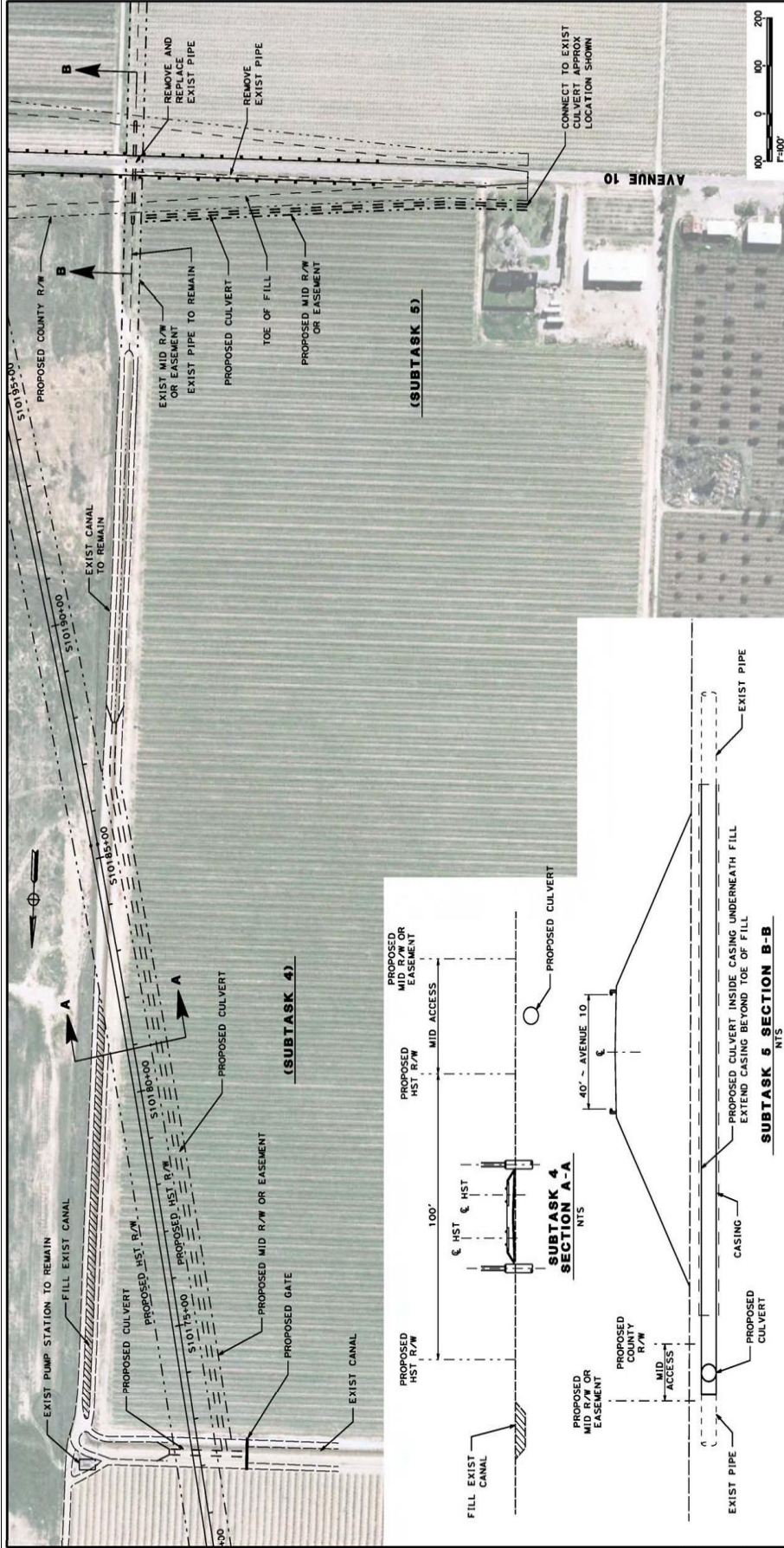


California High Speed Rail Project / Merced-Fresno Section
 Draft/Conceptual 3rd Party Design Refinements & Agreements

Task Order ID:	1-Subtask 4, 5 / Canal & Pipe	Date:	9-19-12
3 rd Party Agency:	MID	Revision:	1

Exhibit 3 - Preliminary Concept

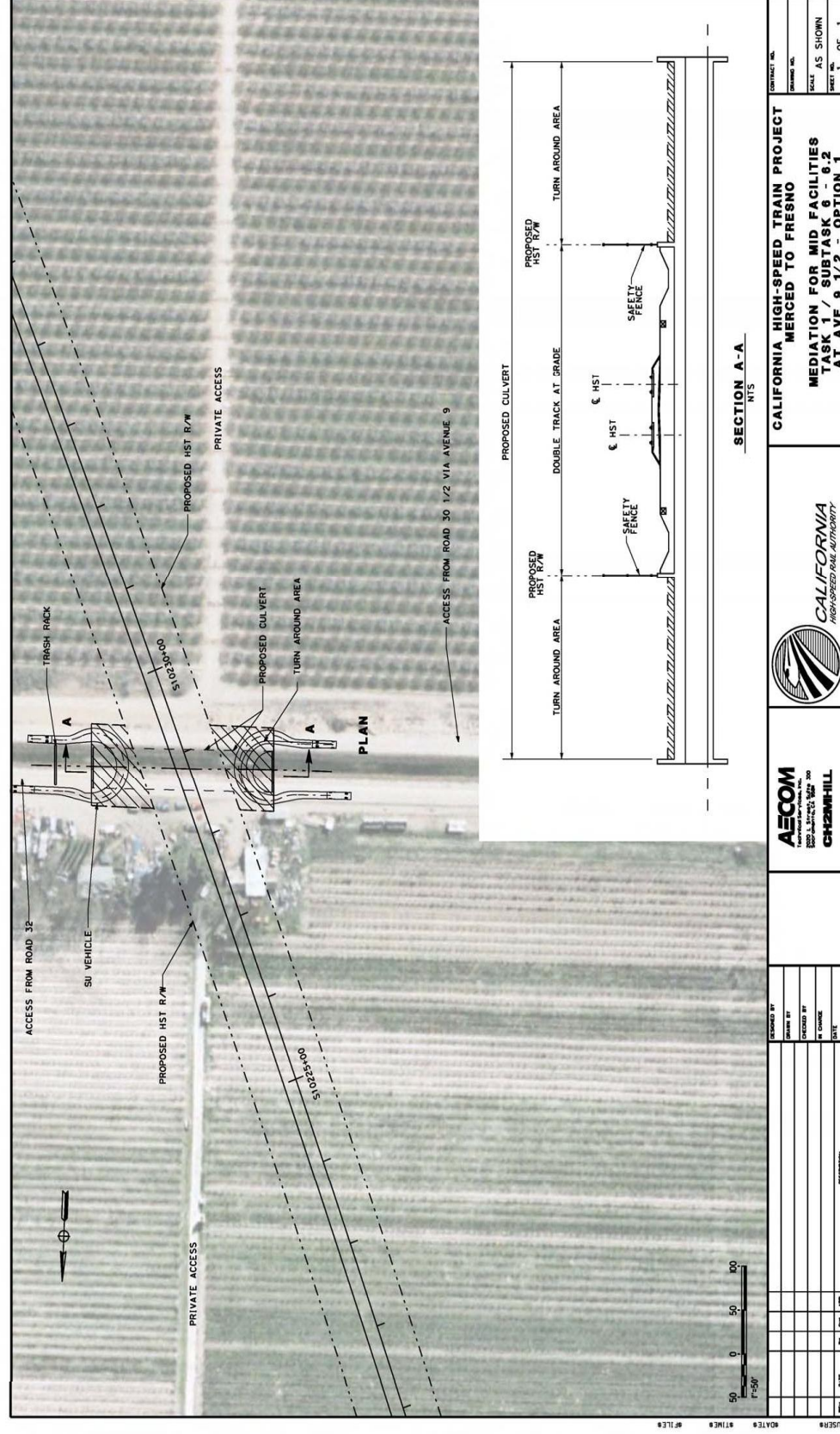


		CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO MEDIATION FOR MID FACILITIES TASK 1 / SUBTASKS 4 & 5-LAT 6.2-14.0 AT AVE 10	
DESIGNED BY	DRIVEN BY	CONTRACT NO.	CONTRACT NO.
CHECKED BY	CHECKED BY	SCALE	AS SHOWN
DATE	DATE	SHEET NO.	1 OF 1

Task Order ID:	1-Subtask 6 / Facility Canal	Date:
3rd Part Agency:	MID	Revision:

Date: 9-19-12
Revision: 1

Exhibit A-1 - Preliminary Concept Option 1

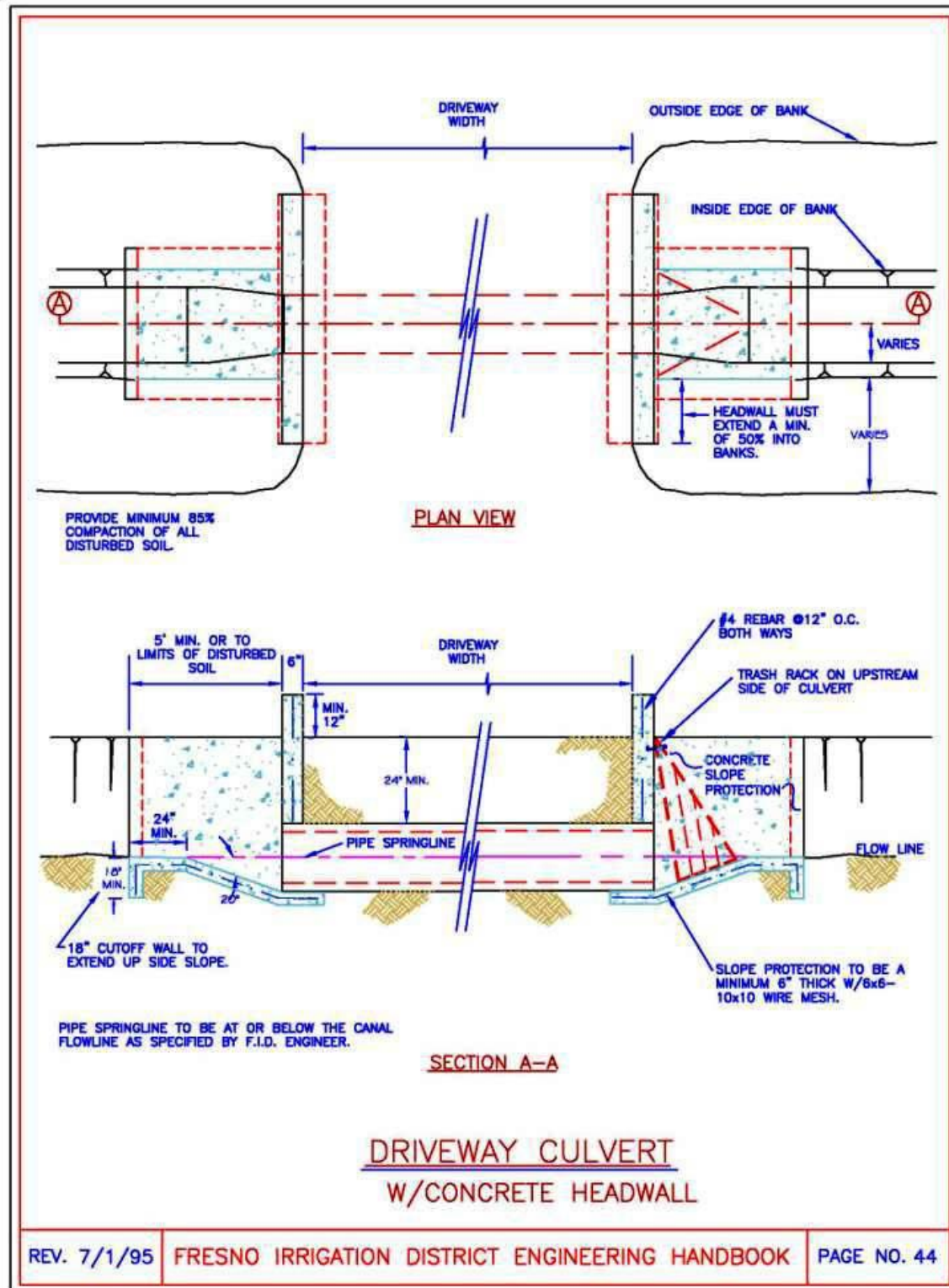


California High Speed Rail Project / Merced-Fresno Section
Draft/Conceptual 3rd Party Design Refinements & Agreements

Task Order ID: 1-Subtask 6 / Facility Canal
3rd Part Agency: MID

Date: 9-19-12
Revision: 1

Exhibit A-2 – Sample Standard Plan for Driveway Culvert

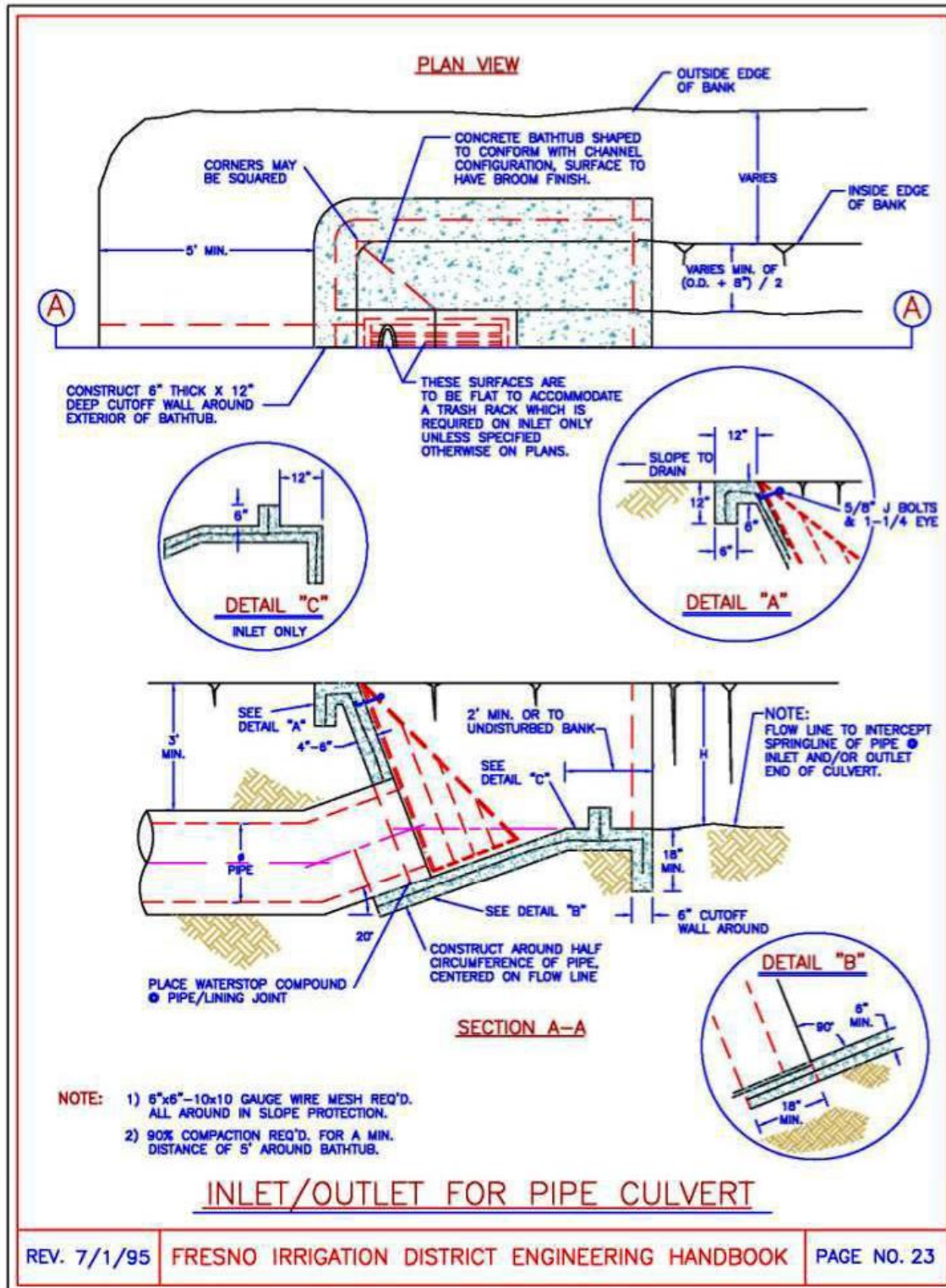


California High Speed Rail Project / Merced-Fresno Section
Draft/Conceptual 3rd Party Design Refinements & Agreements

Task Order ID: 1-Subtask 6 / Facility Canal
3rd Part Agency: MID

Date: 9-19-12
Revision: 1

Exhibit A-3 – Sample Standard Plan for Pipe Culvert Crossing

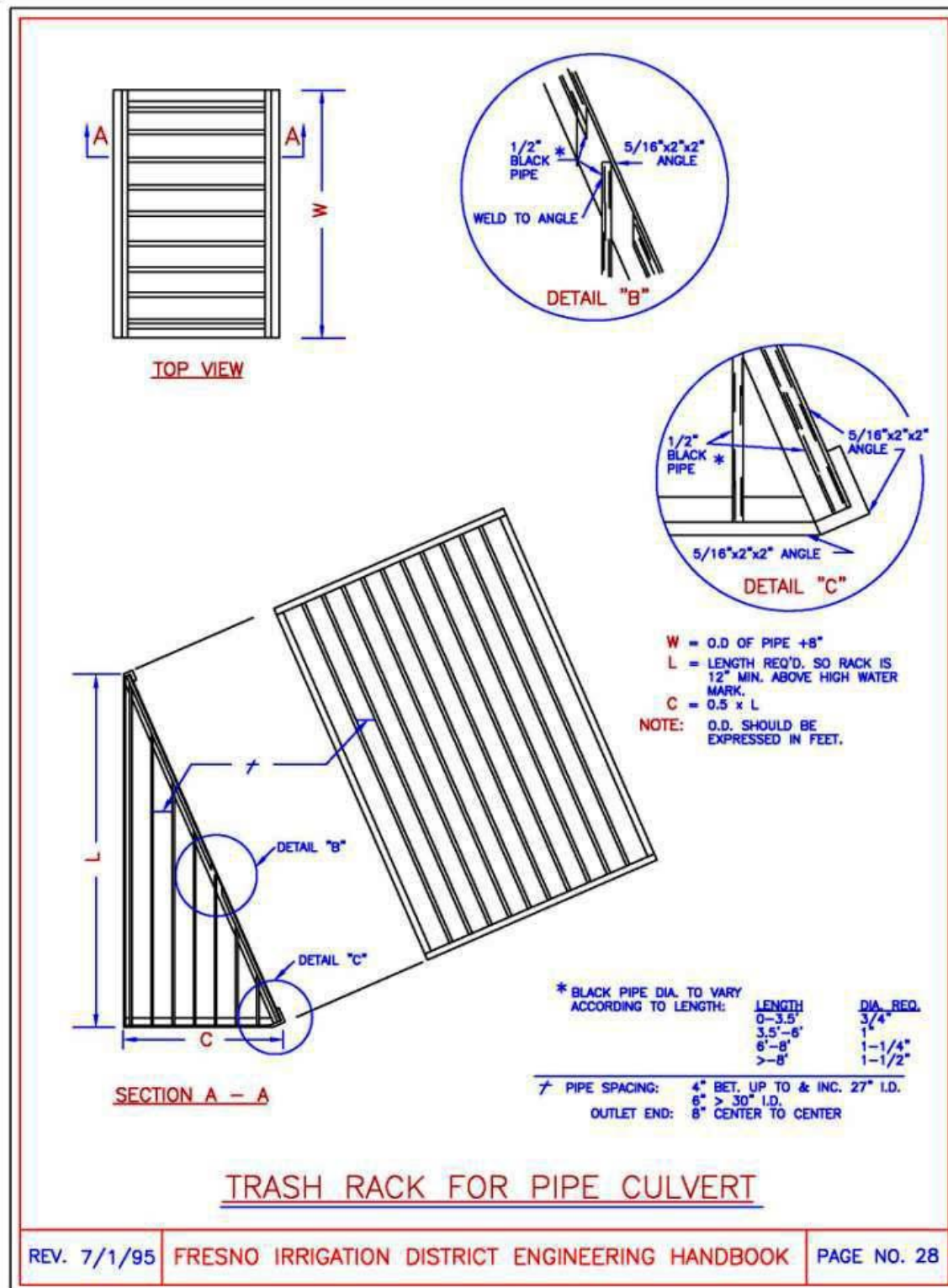


California High Speed Rail Project / Merced-Fresno Section
Draft/Conceptual 3rd Party Design Refinements & Agreements

Task Order ID: 1-Subtask 6 / Facility Canal
3rd Part Agency: MID

Date: 9-19-12
Revision: 1

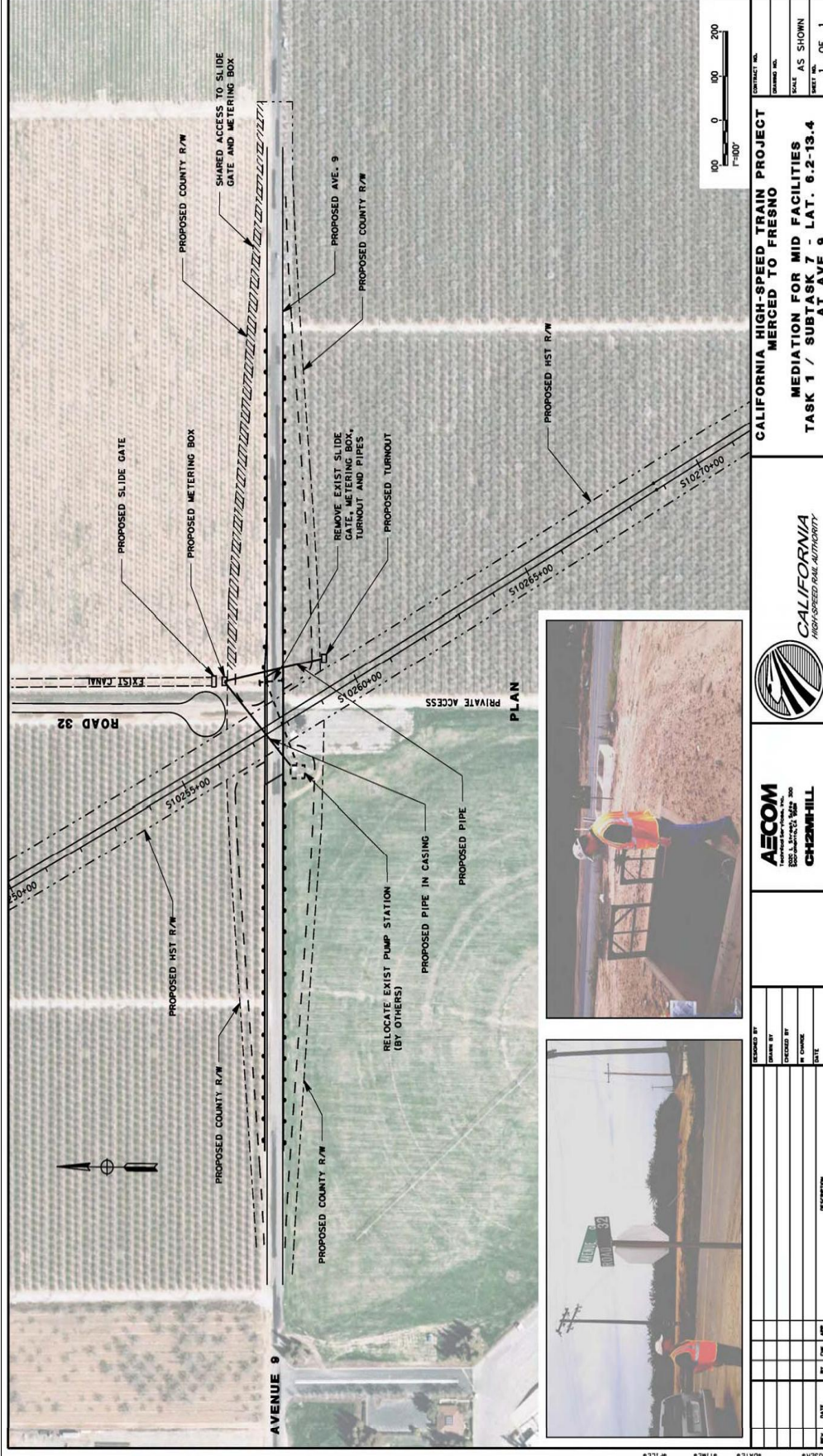
Exhibit A-4 – Sample Standard Plan for Trash Rack for Pipe Culvert



California High Speed Rail Project / Merced-Fresno Section
 Draft/Conceptual 3rd Party Design Refinements & Agreements

Task/Order ID:	1-Subtask 7 / Meter Boxes	Date:	9-19-12
3 rd Party Agency:	MID	Revision:	1

Exhibit B - Preliminary Concept

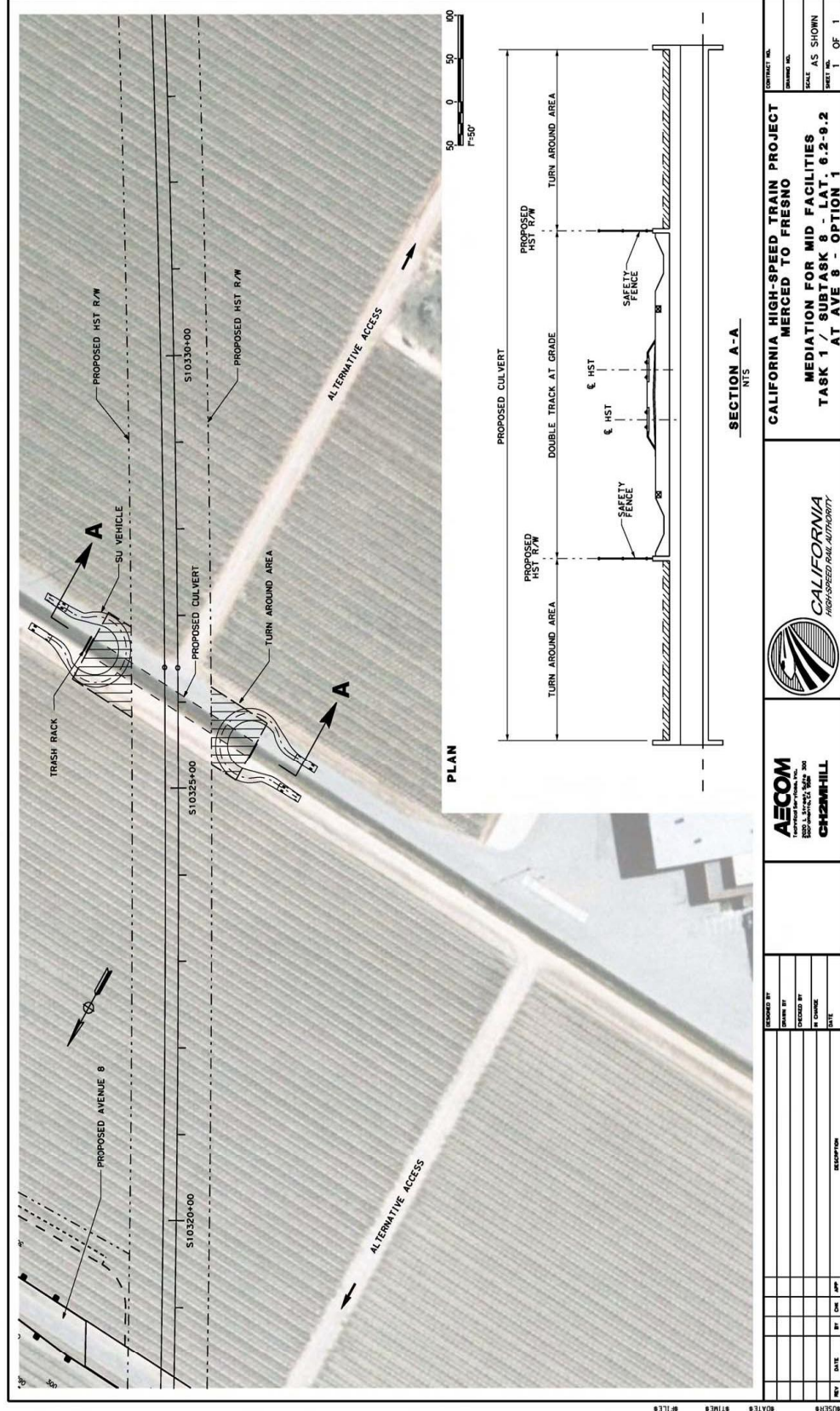


		CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO MEDIATION FOR MID FACILITIES TASK 1 / SUBTASK 7 - LAT. 6.2-13.4 AT AVE 9	
AECOM 1000 J STREET, SUITE 200 CHANDLER, AZ 85226		CONTRACT NO. DRAWING NO. SCALE AS SHOWN SHEET NO. 1 OF 1	
DESIGNED BY DRAWN BY CHECKED BY IN CHARGE DATE	DATE DATE DATE DATE DATE	DATE DATE DATE DATE DATE	DATE DATE DATE DATE DATE

California High Speed Rail Project / Merced-Fresno Section
 Draft/Conceptual 3rd Party Design Refinements & Agreements

Task Order ID:	1-Subtask 8 / Facility Canal	Date:	9-19-12
3 rd Party Agency:	MID	Revision:	1

Exhibit A-1 - Preliminary Concept Option A



REV	DATE	BY	CHK	APP	DESCRIPTION

AECOM
 Environmental & Planning, Inc.
 1000 J Street, Suite 200
 Sacramento, CA 95811
CH2M-HILL



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO
MEDIATION FOR MID FACILITIES
TASK 1 / SUBTASK 8 - LAT. 6.2-9.2
AT AVE 8 - OPTION 1

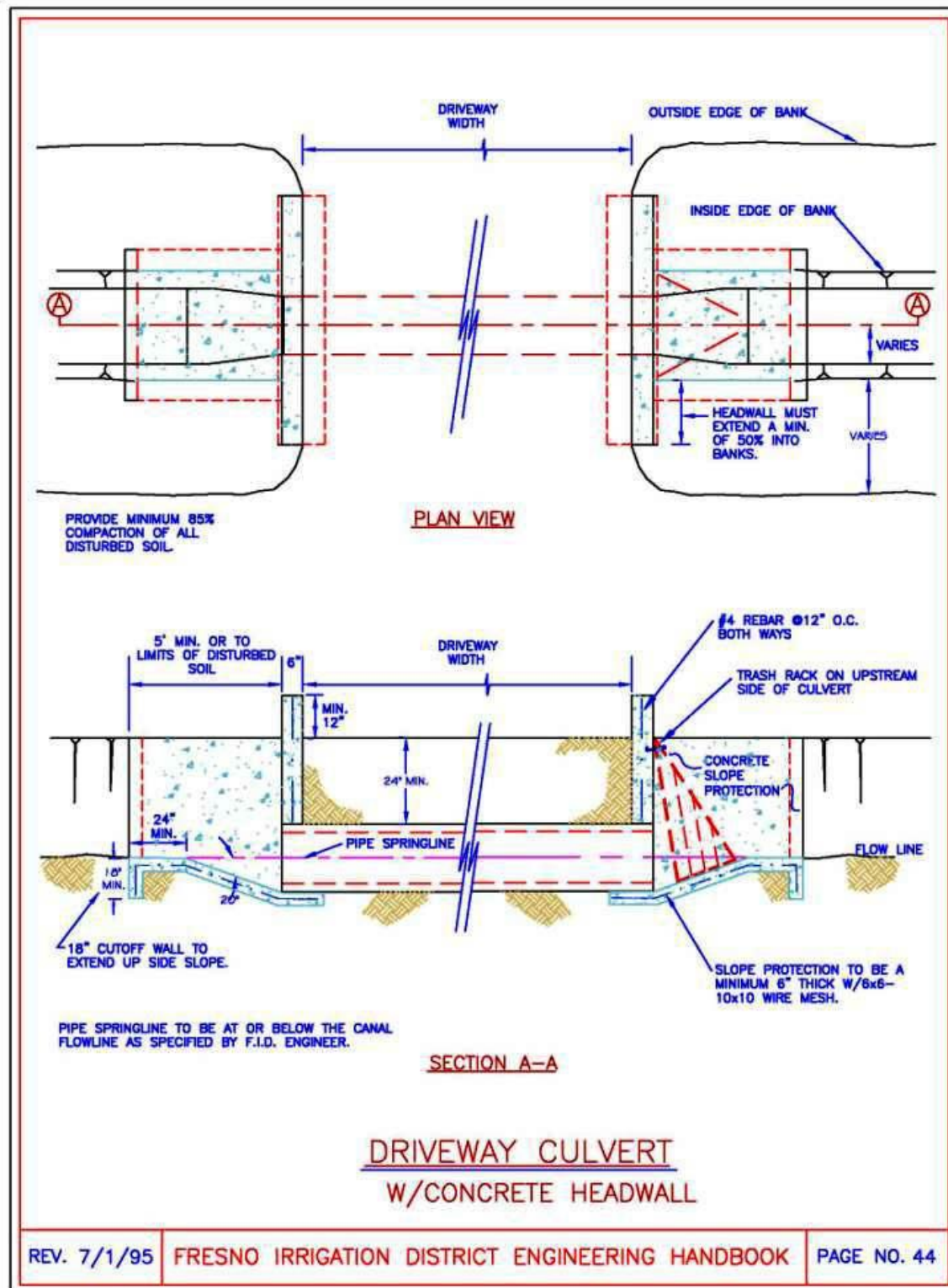
CONTRACT NO. _____
 DRAWING NO. _____
 SCALE AS SHOWN
 SHEET 1 OF 1

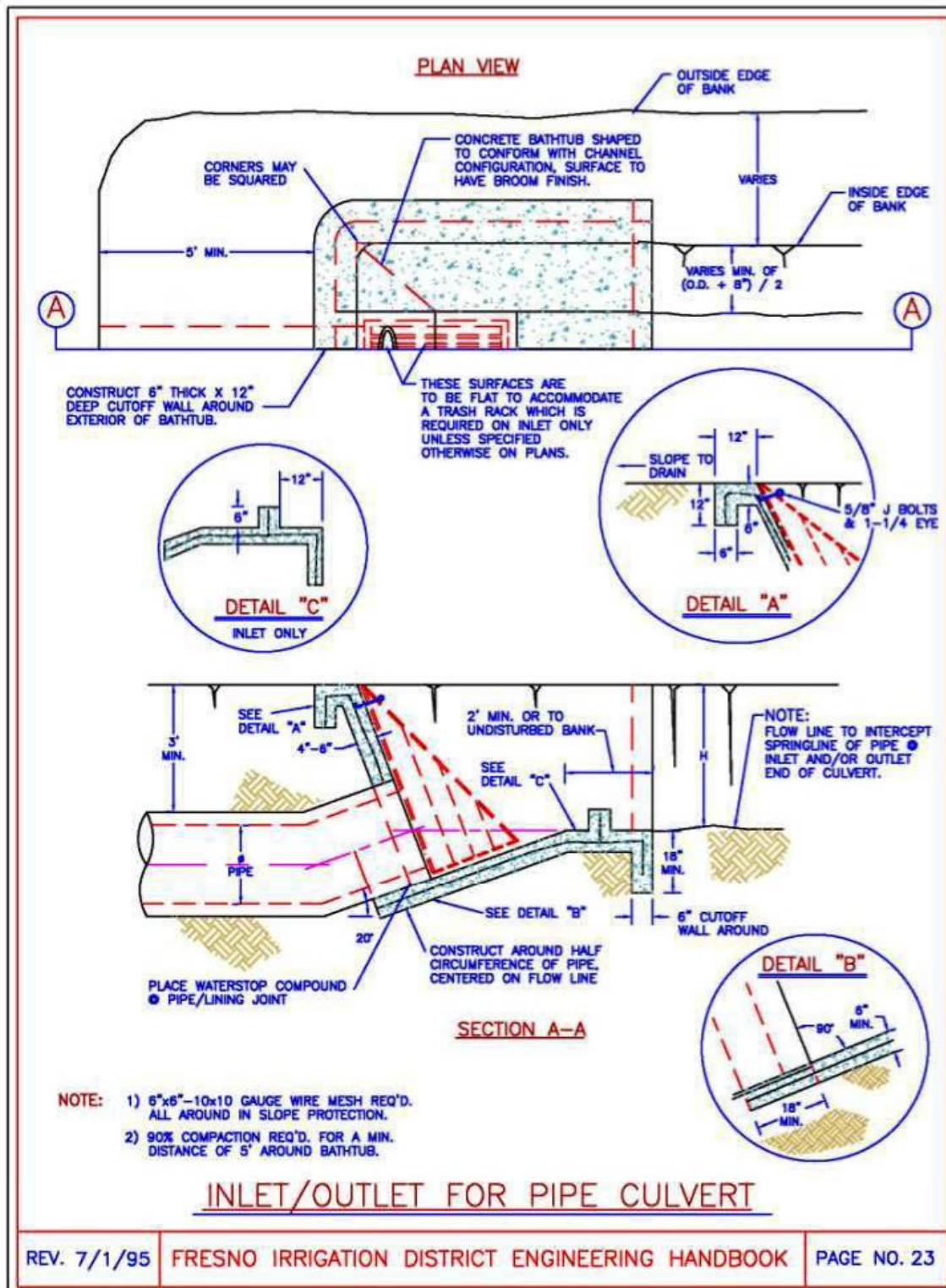
California High Speed Rail Project / Merced-Fresno Section
Draft/Conceptual 3rd Party Design Refinements & Agreements

Task Order ID: 1-Subtask 8 / Facility Canal
3rd Part Agency: MID

Date: 9-19-12
Revision: 1

Exhibit A-2 – Sample Standard Plan for Driveway Culvert



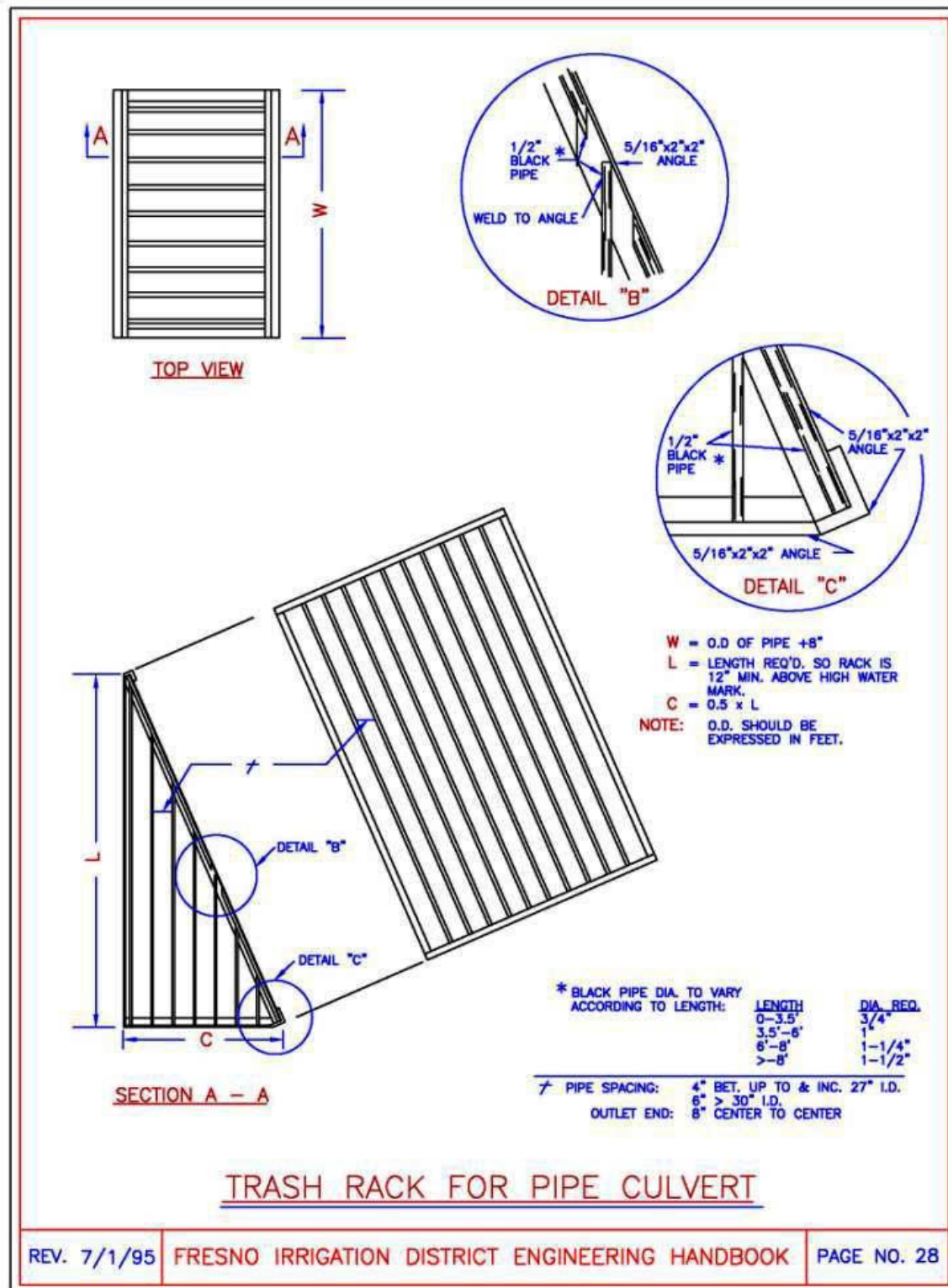


California High Speed Rail Project / Merced-Fresno Section
Draft/Conceptual 3rd Party Design Refinements & Agreements

Task Order ID: 1-Subtask 8 / Facility Canal
3rd Part Agency: MID

Date: 9-19-12
Revision: 1

Exhibit A-4 – Sample Standard Plan for Trash Rack for Pipe Culvert



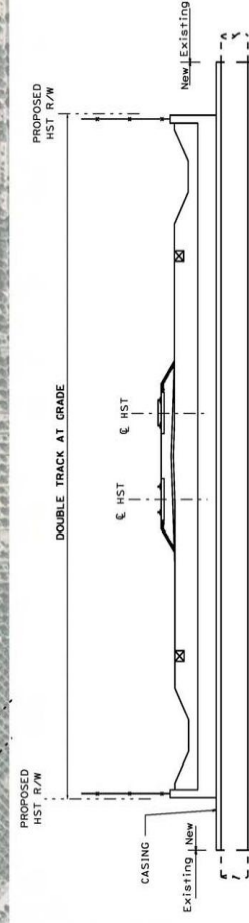
The image consists of an aerial map and a cross-section diagram. The aerial map shows a proposed high-speed rail (HST) alignment. Key features include:

- PROPOSED REALIGNED ROAD 33**: A road running diagonally across the map.
- PROPOSED CULVERT, SEE SECTION BELOW**: A section of the alignment where the road crosses over the rail tracks.
- PROPOSED HST R/W**: The proposed right-of-way for the high-speed rail.
- EXISTING PUMP**: A location marked on the map.
- EXISTING TIRIGATION PIPE**: A location marked on the map.
- ROUTE 99**: A major road running horizontally across the bottom of the map.
- UPRR**: Union Pacific Railroad tracks running horizontally across the bottom of the map.
- AVENUE 7**: A road running vertically on the right side of the map.
- PLAN**: A label indicating the map is a plan view.

The cross-section diagram, titled **SECTION THRU CENTER LINE CULVERT**, shows the vertical profile of the culvert. Key features include:

- DOUBLE TRACK AT GRADE**: The proposed high-speed rail tracks.
- PROPOSED HST R/W**: The proposed right-of-way for the high-speed rail.
- CASING**: The structure supporting the tracks over the culvert.
- Existing** and **New**: Labels indicating the existing and proposed center line culvert.

A scale bar at the bottom right indicates distances of 0, 200, and 400 feet. The scale is labeled **1"=200'**.



SECTION THRU CENTER LINE CULVERT

[illegible]